

IN THE CLAIMS

13 (Original). A method of manufacturing an electronic component to be mounted on a circuit board, said electronic component comprising:

a first substrate having an electronic circuit device and an electrode pad on one main surface of said first substrate in electrical connection with said electronic circuit device;

a sealing wall whose one face is closely adhered to said one main surface of said first substrate, said sealing wall being configured, to enclose said electronic circuit device with said electrode pad arranged outside of said sealing wall;

a second substrate closely adhered to the other face of said sealing wall;

an opening formed in said second substrate at a site confronting said electrode pad; and

an electrically conductive member extending through the interior of said opening for allowing said electrode pad and said circuit substrate to be electrically connectable to each other;

said method comprising:

a first step in which one faces of a plurality of sealing walls are closely adhered to one main surface of said first substrate which has a plurality of electronic circuit devices formed on said one main surface in a plurality of circuit regions and a plurality of electrode pads in electric connection with said plurality of electronic circuit devices, said plurality of sealing walls each configured to enclose each of said plurality of electronic circuit devices with each of said plurality of electrode pads arranged outside of each of said plurality of sealing walls, and in which said second substrate is closely adhered to the other faces of said plurality of sealing

walls, said second substrate having a plurality of openings at sites confronting said plurality of electrode pads ;

a second step in which an electrically conductive member is formed on each of said plurality of electrode pads, said electrically conductive member, being electrically connected with each of said plurality of electrode pads; and

a third step in which said first substrate, together with said second substrate, is severed for each of said plurality of circuit regions, to obtain a plurality of electronic components.

14 (Currently Amended). A method of manufacturing an electronic component to be mounted on a circuit board, said electronic component comprising:

a first substrate having an electronic circuit device and an electrode pad on one main surface of said first substrate in electrical connection with said electronic circuit device;

a sealing wall whose one face is closely adhered to said one main surface of said first substrate, said sealing wall being configured, to enclose said electronic circuit device with said electrode pad arranged outside of said sealing wall;

a second substrate closely adhered to the other face of said sealing wall;

an opening formed in said second substrate at a site confronting said electrode pad; and

an electrically conductive member extending through the interior of said opening for allowing said electrode pad and said circuit substrate to be electrically connectable to each other;

said method comprising:

a first step in which one faces of a plurality of sealing walls are closely adhered to one

15 main surface of said first substrate which has a plurality of electronic circuit devices formed on
16 said one main surface in a plurality of circuit regions and a plurality of electrode pads in
17 electric connection with said plurality of electronic circuit devices, said plurality of sealing
18 walls each configured to enclose each of said plurality of electronic circuit devices with each of
19 said plurality of electrode pads arranged outside of each of said plurality of sealing walls, and
20 in which said second substrate is closely adhered to the other faces of said plurality of sealing
21 walls, said second substrate having a plurality of openings at sites confronting said plurality of
22 electrode pads ~~A method of manufacturing an electronic component according to claim 13,~~
23 ~~wherein~~
24 ~~said first step includes a step in which said plurality of sealing walls are closely adhered to said~~
25 ~~first substrate after formation of said plurality of sealing walls onto said second substrate,~~
26 a second step in which an electrically conductive member is formed on each of said
27 plurality of electrode pads, said electrically conductive member, being electrically connected
28 with each of said plurality of electrode pads; and
29 a third step in which said first substrate, together with said second substrate, is severed
30 for each of said plurality of circuit regions, to obtain a plurality of electronic components.

1 15 (Original). A method of manufacturing an electronic component according to claim 13,
2 wherein said first step includes a step in which said plurality of sealing walls are closely
3 adhered to said second substrate after formation of said plurality of sealing walls onto said first
4 substrate.

16 (Original). A method of manufacturing an electronic component according to claim 13,
wherein
said second step includes a step in which said electrically conductive member is formed on
each of said plurality of electrode pads through a corresponding one of said plurality of
openings.

17 (Original). A method of manufacturing an electronic component according to claim 13,
wherein
said electrically conductive member comprises a bump.

18 (Currently Amended). A method of manufacturing an electronic component to be mounted
on a circuit board, said electronic component comprising:

a first substrate having an electronic circuit device and an electrode pad on one main
surface of said first substrate in electrical connection with said electronic circuit device;

a sealing wall whose one face is closely adhered to said one main surface of said first
substrate, said sealing wall being configured, to enclose said electronic circuit device with said
electrode pad arranged outside of said sealing wall;

a second substrate closely adhered to the other face of said sealing wall;

an opening formed in said second substrate at a site confronting said electrode pad; and

an electrically conductive member extending through the interior of said opening for
allowing said electrode pad and said circuit substrate to be electrically connectable to each

other, A method of manufacturing an electronic component according to claim 13, wherein

13 ———said electrically conductive member comprises: a first bump disposed on each of said
14 plurality of electrode pads for electrical connection with said each of said plurality of electrode
15 pads; and a second bump disposed on top of said first bump for electrical and physical
16 connection with said circuit board; ~~and wherein~~

17 said method comprising:

18 a first step in which one faces of a plurality of sealing walls are closely adhered to one
19 main surface of said first substrate which has a plurality of electronic circuit devices formed on
20 said one main surface in a plurality of circuit regions and a plurality of electrode pads in
21 electric connection with said plurality of electronic circuit devices, said plurality of sealing
22 walls each configured to enclose each of said plurality of electronic circuit devices with each of
23 said plurality of electrode pads arranged outside of each of said plurality of sealing walls, and
24 in which said second substrate is closely adhered to the other faces of said plurality of sealing
25 walls, said second substrate having a plurality of openings at sites confronting said plurality of
26 electrode pads said plurality of sealing walls are closely adhered to said first substrate after
27 formation of said plurality of sealing walls onto said second substrate,

28 a second step in which an electrically conductive member by forming said first bump on
29 each of said plurality of electrode pads through a corresponding one of said plurality of
30 openings, after which said second bump is formed on top of said first bump, said electrically
31 conductive member, being electrically connected with each of said plurality of electrode pads;
32 and;

33 third step in which said first substrate, together with said second substrate, is severed
34 for each of said plurality of circuit regions, to obtain a plurality of electronic components.

1 19 (Previously Amended). A method of manufacturing an electronic component
2 according to claim 13, wherein

3 a first electrically conductive member is formed on an inner wall of each of said
4 plurality of openings, said first electrically conductive member being electrically
5 connectable to said circuit board, and wherein

6 said second step includes a step in which, a second electrically conductive
7 member is formed on each of said plurality of electrode pads, said second electrically
8 conductive member electrically connecting said first electrically conductive member and
9 each of said plurality of electrode pads.

1 20 (Original). A method of manufacturing an electronic component according to claim
2 13, wherein
3 said second step is carried out after said first step.